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**ABSTRACT**

The invention is directed to an electrical connector assembly for facilitating electrical connection between a medical lead and circuitry of an implantable medical device (IMD). The electrical connector assembly integrates a conductive element with a elastomeric seal in order to achieve a simplified structure for electrically coupling of a lead to circuitry of the IMD and also providing a hermetic seal. The invention facilitates simplified and improved electrical coupling of a medical lead to circuitry of the IMD.